

DEC 06 2006

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Translation of the Pre-Action Notification of Examination
(issued to Patent Application No. 93113766)

Subject:

After examining the patent application No. 93113766, it is found there are several unclear points in the application as described in the following Description 3. If the applicant has any substantial rebuttal documentation or descriptions, please submit the response and the relevant rebuttal documentation in duplicate within 60 days from the date following receipt of this Notification. If the Applicant does not submit the reply in time or fail to comply with the requirements of this Official Notification, the present application will be examined according to the original contents.

Descriptions:

1. Please act in compliance with Articles 48 and 49 of the Patent Law and Article 28 of the Patent Law Enforcement Rules if the applicant were to supplement and/or amend the specification or drawings for the present application.
2. If the applicant wants to come to the Office to demonstrate or describe, please annotate "petition for interview" in the response, and the Office will arrange the place and the time to hold the interview, if considered necessary, and the applicant should pay the official fee NT\$ 1000.
3. After examining the present application, it is considered:
 - (1) There are 26 claims in the present application, where the claims 1, 7, 14 and 20 are independent claims and the others are dependent claims.
 - (2) After examination, it is found that the Taiwan Patent application filed on April 20, 2004 was published on December 1, 2004 and assigned with the publication number of 200427345 (as the attached document, which is called as the cited reference hereinafter), where the applicant, the inventors, the specification and drawings, and the claimed international priority documents thereof are identical with those of the present application. The protecting scopes of the claims in the cited reference also cover those of the claimed subjects, such as the technical features of "a method for coordinating the use of beam forming between two communicating entities", "a wireless communication system" and "a wireless base station", of the claims in the present application. Although, between the present application and the cited reference, there are some different phrases, such as "對準" vs. "調正", presented, the differences are caused by the translations, which are translated from the same phrase in English. The technical feature of wireless communication entities in the cited reference

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are a wireless base station and a WTRU where the WTRU is at least capable of serving as a wireless base station.

(3) After the mentioned comparisons, the present application and the cited reference are the same inventions filed on different dates. Since the protecting scope of the present application is substantively included in that of the cited reference and the application filing date of the cited reference is prior to that of the present application (May 15, 2004), the present application fails in complying with Article 31, Paragraphs 1 and 4 of the Patent Law.

4. If the applicant were to supplement and/or amend the specification or drawings, it's necessary to submit a petition for supplement and/or amendment in duplicate, the pages of the amended specification or drawings with the supplemented and/or amended parts underlined in duplicate and the clean substitute pages of supplemented and/or amended specification or drawings in triplicate. If through supplement and/or amendment, page numbers of the original specification or drawings will not be continuous, it is necessary to submit the full texts of the supplemented and/or amended specification or drawing in triplicate.

第 93113766 號初審引證附件

【19】中華民國

【12】發明公開公報 (A)

【11】公開編號：200427345

申請實體審查：有

【43】公開日：中華民國93(2004)年12月1日

【51】國際專利分類 Int. Cl.⁷：H04Q7/20

【54】發明名稱：無線通信系統中波束成型之統合

(COORDINATION OF BEAM FORMING IN WIRELESS COMMUNICATION SYSTEMS)

【21】申請案號：093111024

【22】申請日：中華民國93(2004)年4月20日

【30】優先權主張：2003/05/16 美國 60/471,159
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 2003/12/09 美國 10/731,760

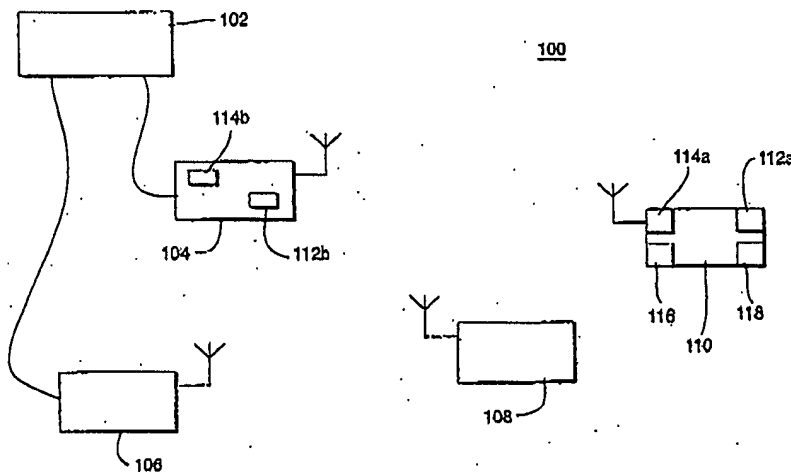
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【57】發明摘要

一種用於統合一無線通信系統中兩通信實體間之波束成型使用的方法及系統。該兩實體可通信關於其各別之波束成型使用的控制資訊。可提供用於至少一實體之一校正因數，其中該實體可降低或抑制其波束調整，以校正該實體之波束相關於與其通信之另一實體波束的量測誤差。可根據通信周圍之條件為基礎，選擇用於調整波束之調整參數。



代表圖式

100：無線通信系統
 102：無線電網路控制
 器
 104：接地台
 106：無線實體
 108：無線實體
 110：無線傳輸/接
 收單元
 112a：處理器
 112b：處理器
 114a：處理器
 114b：處理器
 116：傳輸器
 118：接收器